PTO/SB/08A (02-03)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Cor	nplet if Known	
Application Number	10/637,175	
Filing Date	08/08/2003	
First Named Inventor	Kent	
Art Unit	3672	
Examiner Name		
Attorney Docket Number	FMCE-P035A	

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> (f known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
1/10		<sup>US-</sup> 2003/0089501 A1	05/15/2003	Hartmann	
		<sup>US-</sup> 6,082,460	07/04/2000	June	
		<sup>US-</sup> 6,039,119	03/21/2000	Hopper et al.	
		<sup>US-</sup> 5,992,527	11/30/1999	Garnham et al.	
		<sup>US-</sup> 5,971,077	10/26/1999	Lilley	
		<sup>US-</sup> 5,544,707	08/13/1996	Hopper et al.	
		<sup>US-</sup> 5,503,230	04/02/1996	Osborne et al.	
		<sup>US-</sup> 5,143,158	09/01/1992	Watkins et al.	
		<sup>US-</sup> 4,958,686	09/25/1990	Putch	
		<sup>US-</sup> 4,848,457	07/18/1989	Lilley	
		<sup>US-</sup> 4,651,831	03/24/1987	Baugh	
		<sup>US-</sup> 4,405,016	09/20/1983	Best	
		<sup>US-</sup> 6,053,252	04/25/2000	Edwards	
		<sup>US-</sup> 5,992,526	11/30/1999	Cunningham et al.	<u> </u>
		US- 2002/0000322 A1	01/03/2002	Bartlett et al.	
		<sup>US-</sup> 2002/0011336 A1	01/31/2002	Baskett et al.	
		<sup>US-</sup> 6,152,230	11/28/2000	Edwards et al.	
1		<sup>US-</sup> 6,227,301 B1	05/08/2001	Edwards et al.	
1	1	<sup>US-</sup> 6,076,605	06/20/2000	Lilley et al.	

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>
M		WO 01/55550 A1	08/02/2001	Kvaerner Oilfield		
(1)		WO 00/47864 A1	08/17/2000	FMC Corp.		
		WO 99/18329 A1	04/15/1999	FMC Corp.		
		WO 97/04211 A1	02/06/1997	Expro North Sea Ltd.		
h		EP 0 845 577 A1	06/03/1998	Cooper Cameron		
TIX		GB 2 321 658 A	08/05/1998	ABB Vetco Gray		

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Date Considered

Translation is attached.

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1		<sup>US-</sup> 6,050,339	04/18/2000	Milberger	
(*)		US- 2001/0042618 A1	11/22/2001	Cunningham et al.	
7		<sup>US-</sup> 2001/0011593 A1	08/09/2001	Wilkins	
		<sup>US-</sup> 6,015,013	01/18/2000	Edwards et al.	
		<sup>US-</sup> 3,207,221	09/21/1995	Cochran et al.	
		<sup>US-</sup> 3,409,084	11/05/1968	Lawson, Jr. et al.	
		<sup>US-</sup> 6,302,212 B1	10/16/2001	Nobileau	
		US- 6,227,300	05/08/2001	Cunningham et al.	
		<sup>US-</sup> 4,461,354	07/24/1984	Buras et al.	
		<sup>US-</sup> 6,367,551	04/09/2002	Fenton	
		<sup>US-</sup> 5,884,706	03/23/1999	Edwards	
C/A	_	<sup>US-</sup> 5,996,697	12/07/1999	Vick et al.	
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Δ		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (# known)	MM-DD-YYYY		Or Relevant Figures Appear	T
CKX		GB 2 320 937 A	07/08/1998	ABB Vetco Gray		
1/18		GB 2 319 544 A		ABB Vetco Gray		L
70/		GB 2 166 775 A	05/14/1986	ABB Vetco Gray		L
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